Amendments to the Claims:

This listing of claims replaces all prior listings, and versions, of claims in the application:

Listing of Claims:

1.(Currently amended)   An Apparatus for a radio communication system having a network part that maintains a network-copy of a first database containing data and a mobile node that maintains mobile-copy of the first database containing data, the first database being comprised of a plurality of records, a record being comprised of a plurality of fields, each field being populated with data, the data of the network-copy and data of the mobile-copy of the first database, corresponding when the data in the network-copy of the first database and the data in the mobile-copy of the first database match one another, said apparatus for altering the data of at least one of the network-copy and the mobile-copy of the first database to place the network-copy and the mobile-copy in match with each other, said apparatus comprising:

a hash generator embodied at the mobile node and ~~adapted to receive~~ receiving data from the mobile-copy of the first database, said hash generator ~~being capable of~~ forming first and second ~~types of~~ hash values of data received by said hash generator, hash values being more computationally complex to determine than, and different from, checksums, the first type of hash value being computed over the first database using a first technique, the second ~~type of~~ hash value being computed over an individual record of the first database using a second technique, the first ~~type of~~ hash value being formed for communication to the network part to determine whether the network-copy and the mobile-copy are in match with one another, said second ~~type of~~ hash value being computed and communicated to the network part, after said first ~~type of~~ hash value has been computed and communicated to the network part and used by the network part to determine that the network-copy and the mobile-copy are not in match with one another; and

a content retriever embodied at the mobile node, said content retriever retrieving data from the mobile-copy of the first database upon receipt of a first signal, the first signal originating from the network part and indicating the network part's determination that the network-copy of the first database and the mobile-copy of the first database are out of match, the

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first signal being sent by the network part after the network part receives both the first ~~type of~~ hash value and the second ~~type of~~ hash value, data retrieved by said content retriever for communication to the network part, and used by the network part to synchronize the network-copy and the mobile-copy to each other.

2. (Currently amended) The apparatus of claim 1 wherein said hash generator generates the first ~~type of~~ hash values responsive to an external triggering event, occurrence of which is detectable at the mobile node.

3. (Currently amended) The apparatus of claim 1 wherein said hash generator generates the second ~~type of~~ hash values responsive to an external triggering event, occurrence of which is detectable at the mobile node.

4. (Currently amended) The apparatus of claim 3 wherein said hash generator generates the first-type hashes upon detection of an external triggering event, the occurrence of which is detectable at the mobile node and wherein said hash generator generates the second-type hashes responsive to a network part determination that the first-type hashes, generated by said hash generator did not match a first ~~type of~~ hash generated by the network part.

5. (Previously presented) The apparatus of claim 1 wherein the data maintained at the network-copy and the mobile-copy of the first database is comprised of data records, each data record being comprised of fields including at least a first key field and at least a first record field, and wherein the second-type hashes selectably generated by said hash generator are formed of values of the at least the first key field.

6. (Previously presented) The apparatus of claim 1 wherein the determination that the network-copy and the mobile-copy are out of match is made responsive to values of the second-type hashes formed of the values of the at least the key field.

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7. (Previously presented) The apparatus of claim 1 wherein the data retrieved by said content retriever comprises both the at least the first key field and the at least the first record field.

8. (Currently amended) The radio communication system of claim 1, wherein the network part comprises:

a determiner embodied at the network part and which is adapted to receive ~~is adapted to receive~~ receives hash values generated by said hash generator embodied at the mobile node, said determiner ~~for~~ determining whether the hash values generated by the hash generator at the mobile node, match with corresponding hash values generated at the network part; and

a requestor coupled to said determiner and receiving ~~to receive~~ indications that a hash value from the mobile node does not match a corresponding hash value generated at the network part, said requester requesting from the mobile node, additional information associated with the mobile-copy of the first database.

9. (Currently amended) The apparatus of claim 8 wherein the hash values generated at the network part include said first ~~type of~~ hash value and said second ~~type of~~ hash value.

10. (Previously presented) The apparatus of claim 8 wherein the additional information requested by said requestor comprises a request for the mobile node to deliver the second ~~type of~~ hash value to the comparator.

11. (Previously presented) The apparatus of claim 8 wherein the data maintained at the network-copy and the mobile-copy of the first database is comprised of data records and wherein the additional information requested by said requestor comprises a request for the mobile node to deliver at least portions of the data records.

12. (Currently amended) The apparatus of claim 11 further comprising a comparator adapted to receive receiving from the mobile node, data records or portions thereof and adapted to compare data records or portions thereof from the mobile node, to corresponding values of the network-copy of the first database.

13. (Previously presented) The apparatus of claim 12 further comprising a database value updater coupled to said comparator, said database value updater being responsive to comparisons made by said comparator to alter at least one data record of a selected one of the mobile-copy and the network-copy of the at least first database.

14. (Previously presented) The apparatus of claim 13 wherein said database value updater operates pursuant to a selected conflict resolution protocol.

15. (Currently amended) A method for a radio communication system having a network part that maintains a network-copy of a first database and a mobile node that maintains a mobile-copy of the first database, the first database being comprised of a plurality of records, a record being comprised of a plurality of fields and each field being populated with data, the network-copy and the mobile-copy of the first database corresponding to each other when data in the network-copy and data in the mobile-copy of the first database are match one another, said method for synchronizing the network-copy of the first database with the mobile-copy of the first database said method comprising:

sending a first hash value that is calculated from a first portion of the first database using a first technique, from the mobile node to the network part, the first hash value representative of the mobile-copy of the first database;

comparing, at the network part, the first hash value received from the mobile node, to a second hash value calculated at the network part, the second hash value being calculated from the network-copy of the first database and representative of the network copy of the first database; from a first portion of the network copy of the first database using the first technique; and

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requesting from the mobile node, a third hash value that is calculated at the mobile node <u>over a first individual record of the mobile-copy of the first database using a second technique;</u> ~~from the mobile copy of the first database using a second technique;~~ and

at the network part, comparing the third hash value received from the mobile to a fourth hash value calculated at the network part <u>over the network copy of said first individual record using said second technique;</u> ~~from the network copy of the first database~~ using said second technique;

~~whereby~~ <u>wherein</u> the hash values are more computationally intensive and different from checksums; and

<u>wherein</u> the network copy of the first database and the mobile node copy of the first database are determined to be different from each other when the first and second hash values are different from each other or when the third and fourth hash value are different from each other.

16. (Previously presented) The method of claim 15 wherein the third hash value is calculated from the first portion of the mobile node copy of the first database and wherein the fourth hash value is calculated from a corresponding first portion of the network copy of the first database.

17. (Previously presented) The method of claim 15 further comprising the operations of:

requesting at least a portion of the mobile-copy of the first database to be transmitted from the mobile node to the network in response to a comparison of the third hash value to the fourth hash value.

18. (Previously presented) The method of claim 17 further comprising the operations of;

delivering a portion of the mobile-copy to the network part;

comparing the portion of the mobile copy delivered to the network part with a corresponding portion of the network-copy of the first database; and

overwriting portions of the network-copy of the first database and the mobile-copy of the first database responsive to comparisons made during said operation of comparing the portions of the mobile-copy to the network copy..

19. (Previously presented) The method of claim 18 wherein a selected one of the network-copy and the mobile-copy are overwritten according to a conflict resolution scheme.

20. (Previously presented) The method of claim 19 further comprising the operation of creating a change-history by indicating which portions of the database were overwritten.